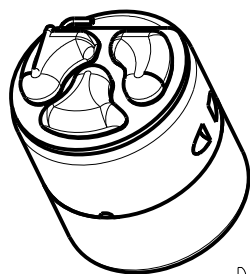
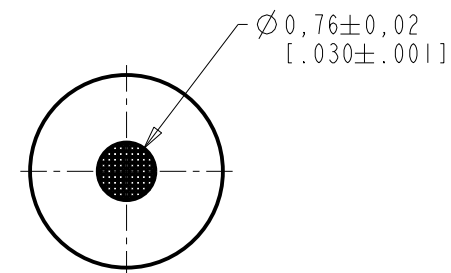
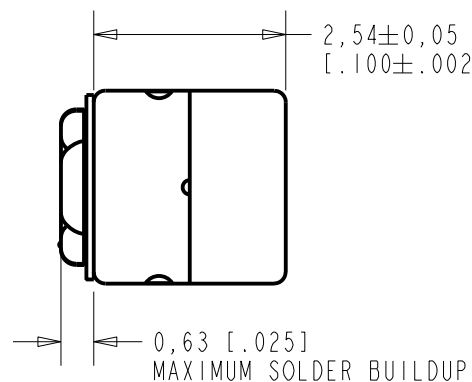
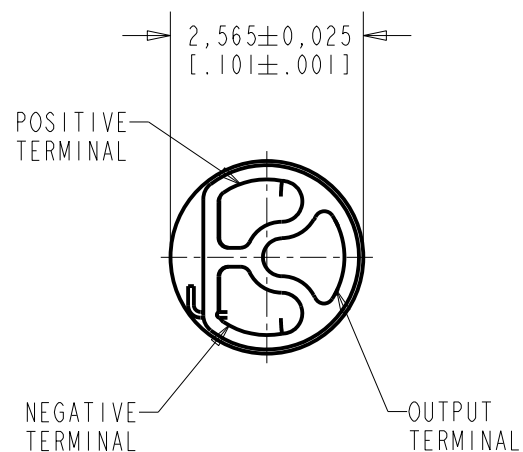


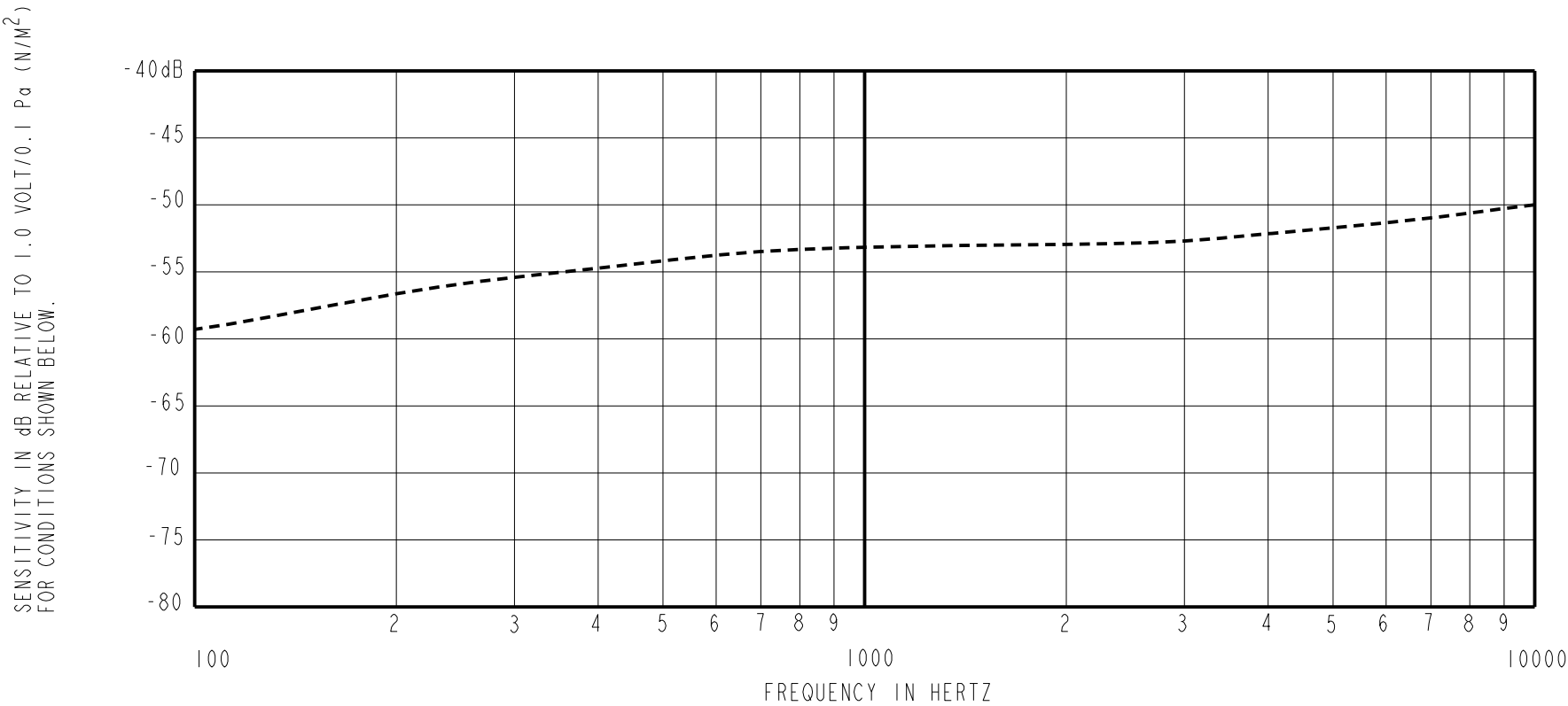
FC-23653-D58
SHT 1.1



DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
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Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
E	MI0104555	4-12-12	Active	E
D	MI0103600	4-12-10		
SCALE: 10:1			DR. BY	DATE
DO NOT SCALE DRAWING			SJ	5-14-08
TITLE: MICROPHONE			CK. BY	DATE
OUTLINE DRAWING			GJP	5-14-08
FC-23653-D58			APP. BY	DATE
SHT 1.1			GJP	5-14-08



FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1KHz	
100	---	-59.5	---	-10.0	-3.0
1000	-56.0	-53.0	-50.0	0.0	0.0
10000	---	-50.0	---	-0.0	+6.0

- NOTES:
- CASE CONNECTED TO NEGATIVE TERMINAL.
 - MICROPHONE TO BE FUNCTIONAL WITH 1.6 VDC SUPPLY.
 - TYPICAL SENSITIVITY TO HUMIDITY AT 1000Hz IS 0.06 dB/%RH
 - SENSITIVITY AND NOISE VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.

DC SUPPLY	AMPLIFIER CURRENT DRAIN	SENSITIVITY CHANGE ON REDUCING SUPPLY TO 0.9VDC	"A" WEIGHTED NOISE (1 kHz EQUIV. SPL)	OUTPUT IMPEDANCE OHMS		
				MIN.	NOM.	MAX.
1.3V	50 μA MAX.	3 dB MAX.	30.0 dB MAX.	2800	4400	6800

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
E	M10104555	4-12-12	Active		E
D	M10103600	4-12-10			
WHEN TEST LIMITS ARE USED TO ESTABLISH INCOMING INSPECTION ACCEPTANCE/REJECTION CRITERIA, CORRELATION OF TEST EQUIPMENT WITH KNOWLES IS ALSO REQUIRED FOR ELIMINATION OF EQUIPMENT AND TEST METHOD VARIATION			DR. BY	DATE	
			SJ	5-14-08	
TITLE: MICROPHONE PERFORMANCE SPECIFICATION			CK. BY	DATE	
			GJP	5-14-08	
FC-23653-D58 SHT 2.1			APP. BY	DATE	
			GJP	5-14-08	

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